

### Quantitative Usage Analysis for Hexazinone

Case Number: 0266

PC Code: 107201

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Based on available pesticide usage information for the years of 1991 through 2000, total annual domestic usage of hexazinone averaged approximately four hundred thousand pounds of active ingredient (a.i.) for over seven hundred thousand acres treated. Hexazinone is a herbicide with its largest markets, in terms of total pounds active ingredient, allocated to alfalfa (63%), woodland (22%), and pasture/rangeland (5%). Crops with a high percentage of total U.S. planted acres treated include nurseries (4%), and alfalfa (2%). Crops with less than 1 percent of the site treated include berries, other hay, landscape, pasture/rangeland, sugarcane, and woodland.

	Acres			Pounds A.I.	Application Rate
	Planted	Treated			
	1,000		%	1,000	lbs.a.i./A
Alfalfa	25,000	506	2	257	0.5
Berries	100,000	11	<1	10	0.9
Hay, Other	33,000	24	<1	8	0.3
Landscape	30,000	5	<1	10	2.0
Nurseries	400	15	4	10	0.7
Pasture/Rangeland	90,000	77	<1	20	0.2
Sugarcane	1,000	2	<1	1	0.5
Woodland	63,000	80	<1	89	1.1
		720		405	

SOURCES: EPA data, USDA, and National Center for Food and Agricultural Policy